

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor:

David J. Love

Serial No.: 10/644,489

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For: LOW-COMPLEXITY HIERARCHICAL DECODING FOR

COMMUNICATIONS SYSTEMS USING MULTIDIMENSIONAL QAM SIGNALING

Docket No.: TI-35082

Art Unit: 2611

Examiner: CORRIELUS, JEAN B.

Conf. No.: 7404

**RESPONSE TO EX-PARTE QUAYLE ACTION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

This paper is responsive to the Ex-Parte Quayle Office Action dated Oct 31, 2006. Applicant hereby petitions for a four-month extension of time in order to timely respond by April 30, 2007. Please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Drawings** begin on page 4 of this paper.

**Amendments to the Claims** begin on page 5 of this paper.

**Remarks** begin on page 7 of this paper.